



Wide range of accessories available for various applications

Blade color coding	Wood/Metal	Wood	Metal	Multi Material	Grout Abrasive
For application					

Please see "Accessories for Multi Tool" for detailed information on the shape, size, recommended use and material of each blade.

Cutting (plunge cutting)

Applications:
Cutting of various materials such as oak wood, drywalls, plastics, copper pipes, non-hardened nails, etc.

Benefits:

- Different from jig saws, etc, able to make a plunge cut in the wall for electrical connection box, lighting, exhaust fan, etc.
- The blade can be positioned in twelve different angles to allow easy operation in tight spaces.

Cutting

Applications:
Cutting of various materials such as oak wood, drywalls, plastics, copper pipes, non-hardened nails, etc.

Benefits:

- Able to perform long distance push cut.
- The segment shape allows flush cutting.

Sanding

Applications:
Wood sanding, concrete sanding, or paint removal, etc. with a variety range of abrasive papers.

Benefits:

- Able to sand in corners.
- Connectable to vacuum cleaner with optional dust extraction system.

Removing grout/ Cutting tiles

Applications:
Replacing broken wall or floor tile.

Benefits:

- Less amount of dust scattering thanks to oscillating action.
- The segment shape allows flush cutting.

Scraping

Applications:
Removing mortar, tile adhesive, hardened glue, window putty, caulking, paint, etc.

Benefits:
Low-profile blade with a narrow tip allows easy removal of caulking, window putty, etc.



Cordless Multi Tool DTM52

High-speed cutting with Low vibration



- STARLOCK**
- STARLOCK PLUS**
- STARLOCK MAX**



Accessories

Dust extraction set

For dust extraction during sanding applications
Part No. 191R02-6



Cordless Multi Tool

DTM52

- Variable Speed
- Constant Speed
- Soft Start
- Dust Collection
- Built-in Job Light
- Carrying Case

Standard Equipment:
Oscillating Multi Tool Accessories, Dust Attachment (country-specific), Tool Box (country-specific), Battery, Charger

Oscillations Per Minute (OPM)	10,000 - 20,000
Oscillation Angle	Left / Right / Total: 1.8° / 1.8° / 3.6°
Vibration Level	Sanding: 2.5 m/s ² or less Cutting w/ Plunge Cut Saw Blade: 2.5 m/s ² or less Cutting w/ Segmental Saw Blade: 2.5 m/s ² or less Scraping: 2.5 m/s ² or less
Sound Pressure Level	Sanding: 69 dB(A) Cutting w/ Plunge Cut Saw Blade: 72 dB(A) Cutting w/ Segmental Saw Blade: 76 dB(A) Scraping: 71 dB(A)
Dimensions (L x W x H)	w/ BL1815N / BL1820B: 305 x 95 x 125 mm (12 x 3-3/4 x 4-7/8") w/ BL1830B / BL1840B / BL1850B / BL1860B: 322 x 95 x 126 mm (12-5/8 x 3-3/4 x 5")
Net weight	1.7 - 2.0 kg (3.7 - 4.4 lbs.)

The weight may differ depending on the attachment(s), including the battery cartridge. The lightest and heaviest combination, according to EPTA-Procedure 01/2014, are shown in the table. Items of standard equipment and specifications may vary by country or area.

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Work speed
About *2x
Compared to the current model

Vibration level
***2.5 m/s²**
or less
Max cutting efficiency and vibration

* Downward plunge cutting into a 38mm thick SPF



High-speed cutting of various materials

Cutting Performance
Downward plunge cutting (at 25N pressing load) into a 38mm thick SPF.

320 cuts

Battery: BL1860B on a single full charge
Blade: STARLOCK MAX (MAM001)
The test results depend to a great extent on the hardness of the test material, etc.

Extra versatility

Compatible with STARLOCK MAX accessories



Cutting plasterboards



Deep plunge cutting



Wood flush cutting



Pocket cutting



Removal of window frame



Door opening work



Cutting metals



Copper pipe flush cutting



Cutting PVC, FRP pipes



Cutting window putty, silicone



Routing joints on wall tiles



Sanding and polishing



Low vibration

Due to double housing structure, increasing comfort during operation.

Vibration level
* **2.5** m/s² or less
Max cutting efficiency and vibration

* Downward plunge cutting into a 38mm thick SPF

Due to double housing

Cushion

Anti-vibration damper



AVT
Anti-Vibration Technology

Highly efficient cutting

thanks to large oscillation angle and constant speed control

• Oscillation angle: **3.6** degree

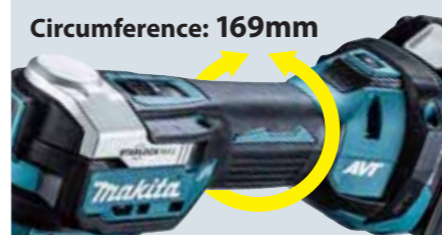
• Max. oscillations per minute
20,000 min⁻¹



- Soft start
- Constant speed control
- Anti-restart function

BL
MOTOR
High power BL motor

XPT
eXtreme Protection Technology



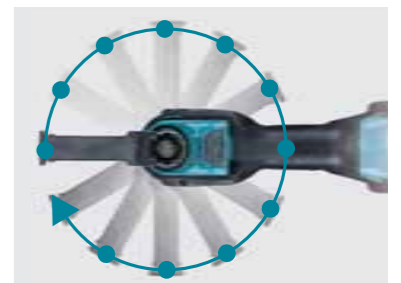
Easy-to-grip small diameter grip

Relocated motor stands upright and closer to the front end of the main body, allowing for slimmer grip design.



Tool-less accessory clamp

Lever style lock system allows for quick installation and replacement of the accessories.



Multi angle setting

12 angle settings of accessory at every 30° from 0° to 360°



Compatible with dust attachment
for use with Sanding pad



Variable speed control by dial
Oscillations per minute: 10,000-20,000min⁻¹



Single LED job light
with afterglow function